

## K. Lloyd's Register of British &amp; Foreign Shipping.

(Report on Machinery, No. 24404 Port Sunderland)

Order 1652/53.

No. 10719.

## ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or~~ Steel Forgings ~~or Castings~~ as herein described, manufactured by Bochumer Verein für Gussstahl of Bochum, Westfalen for the Engines No. 1924 being constructed by North Eastern Marine Eng. Co. of Sunderland for the Ship No. 139, being built by Messrs. Craig, Taylor & Co. of Thornaby on Tees have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects.

1 Intermediate shaft.

Mark on Forgings.

Lloyd's

No. 3440.

P.A.1.10.

Düsseldorf 13th. January 1910.

J. Abel

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*			Annealed S.M.I.St.	
How made			forged	
Dimensions			12 1/4" diam.	
Progress on Inspection			rough turned	
Dates when Inspected			4. 1. 12. 1.	
			13. 1. 1910.	

## PARTICULARS OF TESTS APPLIED TO CASTINGS:—

Tensile strength 29,0 Tons per square inch 31,3% Elongation in 3"  
diameter of sample .798"

Bendgood.

Fee (if any chargeable) £

To be paid at Düsseldorf

\* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Bessemer or the Siemens-Martin process.





For the information of Surveyors and the Committee only

ENGINE FORGINGS OR CASTINGS

Order 1552/52

No 10712

I have to report that the Iron Steel Forgings as herein described, manufactured by Bochumer Verein für Gußstahl of Bochum, Westfalen for the Engines No. 1934 being constructed by North Eastern Marine Eng. Co. of Sunderland for the Ship No. 139, being built by Messrs. Craig, Taylor & Co. of Thornaby on Tees have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects.

1 Intermediate shaft.

Mark on Forgings

Lloyd's  
No. 3440  
P.A. 1.10.

Düsseldorf 13th. January 1910.

*[Signature]*

	STRAIGHT SHAFTING			CRANK SHAFT.	
	PROPELLER SHAFT.	INTERMEDIATE SHAFT.	THRUST SHAFT.		
Material		Annexed S.M.I. 21.			
How made		forged			
Dimensions		12 1/4" diam.			
Progress on		rough turned			
Inspection		4. 1. 18. 1.			
Dates when		13. 1. 1910.			
Inspected					

PARTICULARS OF TESTS APPLIED TO CASTINGS:-

Tensile strength 29,0 Tons per square inch 31,3% Elongation in 2" diameter of sample .798"

Endgood.

See (if any changeable) To be paid at Düsseldorf  
\* If of iron state whether scrap or puddled iron. If of steel, state whether made on the Bessemer or the Siemens-Martin process.

